### STATE OF MISSOURI

## DEPARTMENT OF NATURAL RESOURCES

### MISSOURI CLEAN WATER COMMISSION



# MISSOURI STATE OPERATING PERMIT

In compliance with the Missouri Clean Water Law, (Chapter 644 R.S.Mo. as amended, hereinafter, the Law), and the Federal Water Pollution Control Act (Public Law 92-500, 92<sup>nd</sup> Congress) as amended,

Permit No.		MO-0136557			
Owner: Address:	University of Missouri 8 Research Park Devel Columbia, MO 65211	opment Bldg	City of Columbia 701 E. Broadway Columbia, MO 65201	County of Boone 801 E. Walnut Columbia, MO 65201	
Continuing Authority:		Same as above			
Facility Name: Facility Address:		Boone Co/Columbia/MU MS4 8 Research Park Columbia, MO 65211			
Legal Description: Latitude/Longitude:		See pages i through iv See pages i through iv			
Receiving Stream: First Classified Stream and ID: USGS Basin & Sub-watershed No.:		See pages i through iv See pages i through iv See pages i through iv			
is authorized to discharge from the facility described herein, in accordance with the effluent limitations and monitoring requirements as set forth herein:					
FACILITY DESCRIPTION All Outfalls					
Discharges from Small (Phase II) Regulated Municipal Separate Storm Sewer Systems					
SIC 9511/NAICS 924110					
This permit authorizes only wastewater discharges under the Missouri Clean Water Law and the National Pollutant Discharge Elimination System; it does not apply to other regulated areas. This permit may be appealed in accordance with Section 644.051.6 of the Law.					
January 28, 2 Effective Date	011	_	Sara Parker Pauley, Director, D	r fauloger Repartment of Nagural Resources	
January 27, 2	016	_	John M	hadros	

s, Director, Water Protection Program

Expiration Date

Legal Description <sup>1</sup>/<sub>4</sub> SE, <sup>1</sup>/<sub>4</sub> SW, Sec 27, T48N, R12W, Boone County

Latitude: +385428.0 Longitude: -0921528.0

Receiving Water Tributary to Gans Creek (U)

1<sup>St</sup> Classified Gans Creek (C) (1004)

USGS/ SUB WATERSHED 10300102-130001

**OUTFALL 002** 

Legal Description <sup>1</sup>/<sub>4</sub> NW, <sup>1</sup>/<sub>4</sub> NW, Sec 34, T49N, R13W, Boone County

Latitude: +385948.0 Longitude: - 0922235.0 Receiving Water Rocky Fork (C)

1<sup>St</sup> Classified Rocky Fork (C) (1014)

USGS/ SUB WATERSHED 10300102-110005

**OUTFALL 003** 

Legal Description <sup>1</sup>/<sub>4</sub> NW, <sup>1</sup>/<sub>4</sub> SW, Sec 12, T48N, R15W, Boone County

Latitude: +385818.4 Longitude: -0923322.0 Receiving Water Missouri River (P)

1<sup>St</sup> Classified Missouri River (P) (701) 303(d)

USGS/ SUB WATERSHED 10300102-110007

**OUTFALL 004** 

Legal Description <sup>1</sup>/<sub>4</sub> NW, <sup>1</sup>/<sub>4</sub> SW, Sec 12, T51N, R13W, Boone County

Latitude: +391325.0 Longitude: - 0921952.0

Receiving Water Tributary to Lick Fork (U)

1<sup>St</sup> Classified Lick Fork (C) (1024)

USGS/ SUB WATERSHED 10300102-110002

**OUTFALL 005** 

Legal Description <sup>1</sup>/<sub>4</sub> NW, <sup>1</sup>/<sub>4</sub> NW, Sec 4, T51N, R12W, Boone County

Latitude: +391441.0 Longitude: -0921622.0 Receiving Water Saling Creek (U)

1<sup>St</sup> Classified Reese Fork Creek (C) (136)

USGS/ SUB WATERSHED 07110006-020002

**OUTFALL 006** 

Legal Description <sup>1</sup>/<sub>4</sub> SE, <sup>1</sup>/<sub>4</sub> SW, Sec 33, T52N, R11W, Boone County

Latitude: +391428.0 Longitude: -0920908.0 Receiving Water Goodwater Creek (U)

1<sup>St</sup> Classified Youngs Creek (C) (140)

USGS/ SUB WATERSHED 07110006-030001

**OUTFALL 007** 

Legal Description ¼ SW, ¼ SE, Sec 36, T52N, R12W, Boone County

Latitude: +391433.3 Longitude: -0921217.0

Receiving Water Long Branch Creek (U)

1<sup>St</sup> Classified Long Branch Creek (C) (139)

USGS/ SUB WATERSHED 07110006-030002

**OUTFALL 008** 

Legal Description <sup>1</sup>/<sub>4</sub> SW, <sup>1</sup>/<sub>4</sub> SE, Sec 7, T49N, R14W, Boone County

Latitude: +390259.0 Longitude: -0923204.0 Receiving Water Prairie Creek (U)

1<sup>St</sup> Classified Moniteau Creek (P) (754)

USGS/ SUB WATERSHED 10300102-070002

Legal Description <sup>1</sup>/<sub>4</sub> SE, <sup>1</sup>/<sub>4</sub> SW, Sec 3, T46N, R13W, Boone County

Latitude: +384729.0 Longitude: -0922247.0 Receiving Water Bonne Femme Creek (P) 1<sup>St</sup> Classified Bonne Femme Creek (P) (750)

USGS/ SUB WATERSHED 10300102-130003

**OUTFALL 010** 

Legal Description
LG 1726, Boone County
Latitude: +384904.0
Longitude: -0922307.0
Receiving Water
Little Bonne Femme Creek (P)
Little Bonne Femme Creek (P) (1003)

USGS/ SUB WATERSHED 10300102-130001

OUTFALL 011

Legal Description Sec 33, T47N, R13W, Boone County

Latitude: +384912.0 Longitude: - 0922325.0 Receiving Water Perche Creek (P1)

1<sup>St</sup> Classified Perche Creek (P1) (1005)

USGS/ SUB WATERSHED 10300102-110008

**OUTFALL 012** 

Legal Description <sup>1</sup>/<sub>4</sub> SW, <sup>1</sup>/<sub>4</sub> SW, Sec 29, T49N, R12W, Boone County

Latitude: +385942.0 Longitude: -0921807.0

Receiving Water Bear Creek (U)
1<sup>St</sup> Classified Bear Creek (C) (1015)
USGS/ SUB WATERSHED 10300102-110005

**OUTFALL 013** 

Legal Description <sup>1</sup>/<sub>4</sub> SW, <sup>1</sup>/<sub>4</sub> SW, Sec 13, T51N, R11W, Boone County

Latitude: +391156.0 Longitude: - 0920619.0 Receiving Water Youngs Creek (U)

1<sup>St</sup> Classified Youngs Creek (C) (140)
USGS/ SUB WATERSHED 07110006-030001

**OUTFALL 014** 

Legal Description Sec 21, T45N, R12W, Boone County

Latitude: +384005.0 Longitude: -0921736.0

Receiving Water Slate Creek (U)

1<sup>St</sup> Classified Missouri River (P) (701) 303(d)

USGS/ SUB WATERSHED 10300102-130004

**OUTFALL 015** 

Legal Description <sup>1</sup>/<sub>4</sub> NE, <sup>1</sup>/<sub>4</sub> NW, Sec 19, T45N, R12W, Boone County

Latitude: +384022.0 Longitude: -0921927.0

Receiving Water Hart Creek (C) 1<sup>St</sup> Classified Hart Creek (C) (748) USGS/ SUB WATERSHED 10300102-130004

**OUTFALL 016** 

Legal Description <sup>1</sup>/<sub>4</sub> NE, <sup>1</sup>/<sub>4</sub> NW, Sec 35, T46N, R13W, Boone County

Latitude: +384355.0 Longitude: -0922135.0 Receiving Water Glascock Branch (U)

1<sup>St</sup> Classified Missouri River (P) (701) 303(d)

USGS/ SUB WATERSHED 10300102-130004

Legal Description <sup>1</sup>/<sub>4</sub> SW, <sup>1</sup>/<sub>4</sub> SW, Sec 26, T46N, R13W, Boone County

Latitude: +384400.0 Longitude: -0922152.0 Receiving Water Grider Branch (U)

1<sup>St</sup> Classified Missouri River (P) (701) 303(d)

USGS/ SUB WATERSHED 10300102-130004

**OUTFALL 018** 

Legal Description <sup>1</sup>/<sub>4</sub> SW, <sup>1</sup>/<sub>4</sub> NE, Sec 20, T48N, R14W, Boone County

Latitude: +385631.0 Longitude: -0923102.0 Receiving Water Sinking Creek (U)

1<sup>St</sup> Classified Missouri River (P) (701) 303(d)

USGS/ SUB WATERSHED 10300102-110007

**OUTFALL 019** 

Legal Description ¼ SW, ¼ SW, Sec 35, T48N, R14W, Boone County

Latitude: +385418.0 Longitude: -0922830.0 Receiving Water Grocery Branch (U)

1<sup>St</sup> Classified Missouri River (P) (701) 303(d)

USGS/ SUB WATERSHED 10300102-110008

**OUTFALL 020** 

Legal Description LG 2457, Boone County Latitude: +385509.0 Longitude: -0922922.0 Receiving Water Terrapin Creek (U)

1<sup>St</sup> Classified Missouri River (P) (701) 303(d)

USGS/ SUB WATERSHED 10300102-110007

**OUTFALL 021** 

Legal Description <sup>1</sup>/<sub>4</sub> SW, <sup>1</sup>/<sub>4</sub> SW, Sec 7, T45N, R11W, Boone County

Latitude: +384120.0 Longitude: - 0921305.0 Receiving Water Cedar Creek (P)

1<sup>St</sup> Classified Cedar Creek (P) (733)

USGS/ SUB WATERSHED 10300102-190004

**OUTFALL 022** 

Legal Description <sup>1</sup>/<sub>4</sub> SE, <sup>1</sup>/<sub>4</sub> NE, Sec 22, T49N, R11W, Boone County

Latitude: +390103.0 Longitude: -0920801.0

Receiving Water Cedar Creek (P)

1<sup>St</sup> Classified Cedar Creek (P) (737) 303(d)

USGS/ SUB WATERSHED 10300102-190001

**OUTFALL 023** 

Legal Description <sup>1</sup>/<sub>4</sub> NW, <sup>1</sup>/<sub>4</sub> NW, Sec 6, T45N, R11W, Boone County

Latitude: +384247.0 Longitude: - 0921300.0 Receiving Water Cedar Creek (P)

1<sup>St</sup> Classified Cedar Creek (P) (733)

USGS/ SUB WATERSHED 10300102-190003

**OUTFALL 024** 

Legal Description <sup>1</sup>/<sub>4</sub> NE, <sup>1</sup>/<sub>4</sub> SW, Sec 31, T46N, R11W, Boone County

Latitude: +384316.0 Longitude: - 0921242.0 Receiving Water Brushy Creek (C)

1<sup>St</sup> Classified Brushy Creek (C) (746)
USGS/ SUB WATERSHED 10300102-190003

Legal Description <sup>1</sup>/<sub>4</sub> NE, <sup>1</sup>/<sub>4</sub> NW, Sec 22, T47N, R11W, Boone County

Latitude: +385043.0 Longitude: - 0920853.0 Receiving Water Cedar Creek (C)

1<sup>St</sup> Classified Cedar Creek (C) (737)

USGS/ SUB WATERSHED 10300102-190002

**OUTFALL 026** 

Legal Description ¼ SE, ¼ NE, Sec 34, T50N, R11W, Boone County

Latitude: +390422.0 Longitude: - 0920750.0

Receiving Water Tributary to Cedar Creek (U)

1<sup>St</sup> Classified Cedar Creek (C) (737)

USGS/ SUB WATERSHED 10300102-190001

**OUTFALL 027** 

Legal Description <sup>1</sup>/<sub>4</sub> NW, <sup>1</sup>/<sub>4</sub> SE, Sec 9, T47N, R11W, Boone County

Latitude: +385155.0 Longitude: - 0920943.0 Receiving Water Cedar Creek (C)

1<sup>St</sup> Classified Cedar Creek (C) (737)

USGS/ SUB WATERSHED 10300102-190002

**OUTFALL 028** 

Legal Description <sup>1</sup>/<sub>4</sub> SW, <sup>1</sup>/<sub>4</sub> SW, Sec 25, T47N, R12W, Boone County

Latitude: +384903.0 Longitude: -0921350.0

Receiving Water Tributary to Bass Creek (U)

1<sup>St</sup> Classified Bass Creek (C) (752)

USGS/ SUB WATERSHED 10300102-130002

**OUTFALL 029** 

Legal Description <sup>1</sup>/<sub>4</sub> SE, <sup>1</sup>/<sub>4</sub> SW, Sec 28, T48N, R11W, Boone County

Latitude: +3854140 Longitude: - 09209520
Receiving Water Cedar Creek (C)

1<sup>St</sup> Classified Cedar Creek (C) (737)
USGS/ SUB WATERSHED 10300102-190001

**OUTFALL 030** 

Legal Description <sup>1</sup>/<sub>4</sub> SW, <sup>1</sup>/<sub>4</sub> NE, Sec 11, T48N, R12W, Boone County

Latitude: +385736.0 Longitude: -0921410.0

Receiving Water Tributary to North Fork Grindstone Creek (U)
1<sup>St</sup> Classified North Fork Grindstone Creek (C) (1010)

USGS/ SUB WATERSHED 10300102-120002

**OUTFALL 031** 

Legal Description ¼ SE, ¼ SE, Sec 15, T49N, R12W, Boone County

Latitude: +390125.0 Longitude: -0921445.0 Receiving Water Hinkson Creek (C)

1<sup>St</sup> Classified Hinkson Creek (C) (1008)

USGS/ SUB WATERSHED 10300102-120001

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### 1. Coverage Under this Permit

### 1.1 Permit Area

This permit covers all areas served by a municipal separate storm sewer systems (MS4s) for which the applicants are identified as the continuing authorities.

### 1.2 Eligibility

- 1.2.1 This permit authorizes discharges of storm water from regulated MS4s, as defined in 10 CSR 20-6.200. The permittee, or co-permittee, is authorized to discharge under the terms and conditions of this permit if the permittee:
- 1.2.1.1 Owns or operates a regulated MS4 as defined in 10 CSR 20-6.200; located fully or partially within an urbanized area as determined by the latest Decennial Census by the Bureau of Census or designated for permit authorization by the Department pursuant to 10 CSR 20-6.200; and
- 1.2.1.2 Submits a permit application in accordance with Section 2 of this permit; and
- 1.2.1.3 Complies with the terms of this permit.
- 1.2.2 The following are types of discharges authorized by this permit:
- 1.2.2.1 *Storm water discharges.* This permit authorizes storm water discharges to waters of the state from the regulated MS4s identified on the certificate page of this permit, except as excluded in Section 1.3.
- 1.2.2.2 *Non-storm water discharges*. The permittee is authorized to discharge the following non-storm water sources provided that the permitting authority has not determined these sources to be substantial contributors of pollutants to the permittee's MS4 that require a separate permit:
  - water line and fire hydrant flushing
  - Landscape irrigation
  - Rising ground waters
  - Uncontaminated ground water infiltration (infiltration is defined as water other than wastewater that enters a sewer system, including sewer service connections and foundation drains, from the ground through such means as defective pipes, pipe joints, connections, or manholes. Infiltration does not include, and is distinguished from, inflow.)
  - Uncontaminated pumped ground water
  - Discharges from potable water sources
  - Foundation drains
  - Air conditioning condensate
  - Springs
  - Water from crawl space pumps
  - Footing drains
  - Lawn watering
  - Flows from riparian habitats and wetlands
  - Street wash water
  - Discharges or flows from emergency fire fighting activities
  - Individual residential car washing
  - Dechlorinated residential swimming pool discharges

### 1.3 <u>Limitations on Coverage</u>

This permit does not authorize:

- 1.3.1 Discharges that are mixed with sources of non-storm water unless such non-storm water discharges are:
- 1.3.1.1 In compliance with a separate NPDES permit; or

- 1.3.1.2 Determined not to be a substantial contributor of pollutants to waters of the state.
- 1.3.2 Storm water discharges associated with industrial activities requiring separate NPDES permits as defined in 10 CSR 20-6.200.
- 1.3.3 Storm water discharges associated with construction activities requiring separate NPDES permits as defined in 10 CSR 20-6.200.
- 1.3.4 Storm water discharges currently covered under another permit.
- 1.3.5 Discharges that are likely to jeopardize the continued existence of any species that are listed as endangered or threatened under the Endangered Species Act (ESA) or result in the adverse modification or destruction of habitat that is designated as critical under the ESA.
- 1.3.6 Discharges that violate the National Historic Preservation Act.
- 1.3.7 Discharges that cause or contribute to a violation of instream water quality standards. The permittee shall develop, implement, and enforce a SWMP designed to reduce the discharge of pollutants from the MS4 to the "maximum extent practicable (MEP), to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act." Implementation of best management practices consistent with the provisions of the stormwater management program and the provisions of this permit constitutes compliance with the standard of reducing pollutants to the "maximum extent practicable, to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act."

### 1.4 Obtaining Authorization

- 1.4.1 To be authorized to discharge storm water from regulated MS4s, the applicant/permittee shall submit an application and a written description of the permittee's SWMP in accordance with the deadlines presented in Section 2 of this permit.
- 1.4.2 The permittee shall submit the information required in Section 2 on the latest version of the application form (or photocopy thereof). The permittee's application shall be signed and dated by an authorized signatory.
- 1.4.3 Where the operator changes, where an operator is removed or where a new operator is added after submittal of an application under Section 2, a new application shall be submitted in accordance with Section 2 prior to the change or addition.

### 2. **Application Requirements**

### 2.1 <u>Deadlines for Application</u>

If the MS4 is regulated pursuant to 10 CSR 20-6.200 then the operator is required to seek coverage under the applicable Small MS4 General Permit or a site-specific MS4 permit as follows:

- 2.1.1 If small MS4 permittee chooses to apply for the Small MS4 general permit after the issuance of a site-specific MS4 permit, application shall be submitted 180 days prior to expiration of the existing permit unless an extended due date has been granted by the Department, and the application must include a written draft Storm Water Management Program plan (SWMP) to cover the five-year permit period. The applicant must submit a final SWMP document within 90 days from the date of Small MS4 general permit issue; or
- 2.1.2 If the small MS4 permittee applies for a site-specific permit, application shall be made 180 days prior to expiration of existing permit and the five-year SWMP plan must be included with the application.

### 2.2 <u>Additional designations after the date of permit issuance</u>

If the MS4 is specially designated by the Department after the date of permit issuance, then the MS4 is required to:

2.2.1 Submit application for a site-specific MS4 permit or a small general MS4 permit (whichever applies) and a written description of the permittee's SWMP to the Department within 180 days of notice.

### 2.3 <u>Submitting a Late application</u>

The permittee is not prohibited from submitting an application after the dates provided in Section 2.1. The Department reserves the right to take appropriate enforcement actions for any unpermitted discharges.

### 3. Special Conditions

- 3.1 <u>Total Maximum Daily Load (TMDL)</u>
- 3.1.1 If a TMDL has been developed and approved by EPA for any waterbody into which the permittee discharges, the permittee shall implement best management practices (BMPs) to attenuate the discharge of the TMDL regulated parameters to the associated stream and/or lake. These BMPs, intended to attenuate the discharge of the TMDL regulated parameters are to be implemented within the permit area wherever stormwater drains to the associated impaired stream or lake. BMPs shall be implemented for each of the final TMDL regulated parameters consistent with the TMDL implementation schedule. Within twelve months of the finalization of each TMDL, the permittee shall assess the SWMP and update the SWMP as necessary to implement each TMDL.
- 3.1.2 The permittee shall describe a monitoring program to determine whether the storm water controls are adequate to meet the WLAs for TMDL parameters or other performance requirements specifically for storm water discharge from the permittee's MS4. Such monitoring program may require the development of a Quality Assurance Project Plan (QAPP) or suitable alternative.
- 3.2 <u>Duty to Comply</u>
- 3.2.1 The permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of Missouri Clean Water Law and is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or for denial of a permit renewal.
- 3.2.2 This permit authorizes only the activities described in this permit.
- 3.2.3 Nothing in this permit shall be construed so as to prevent the Department from taking appropriate action as authorized by law.
- 3.3 <u>Continuation of this Expired Permit</u>
- 3.3.1 If this permit is not reissued or replaced prior to the expiration date, it will be administratively continued in accordance with 10 CSR 20-6.010 (10)(E) and remain in force and effect. Any permittee who was granted permit coverage prior to the expiration date will automatically remain covered by the continued permit until the earlier of:
- 3.3.1.1 Reissuance or replacement of this permit, at which time the permittee shall comply with the application conditions of the new permit to maintain authorization to discharge; or
- 3.3.1.2 Notice of Termination; or
- 3.3.1.3 Issuance of a site-specific permit for your discharges; or

3.3.1.4 A permit decision by the Director to terminate or not reissue this permit, at which time the permittee shall seek coverage under a modified or alternative permit.

### 3.4 Need to Halt or Reduce Activity Not a Defense

Actions by the permittee in an enforcement action to halt or reduce the permitted activity do not excuse non-compliance with this permit or any provision of the Missouri Clean Water Law.

### 3.5 <u>Permit Transfers</u>

This permit is not transferable to any other legal entity except after notice to the Department. The Department may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary.

### 3.6 <u>Procedures for Modification, Revocation, and Reopening</u>

- 3.6.1 If at any time the Missouri Department of Natural Resources determines that the quality of waters of the state may be better protected by reopening this permit or requiring the owner/operator of the permitted site to apply for a modified site-specific permit or alternative permit, the Department may require any person to obtain such an operating permit as authorized by 10 CSR 20-6.010 (13) and 10 CSR 20-6.200(5).
- 3.6.2 In the event a co-permittee needs to be added or removed from this permit, a permit modification request must be submitted to the Department as soon as possible.
- 3.6.3 If this permit is re-opened, modified or revoked pursuant to this Section, the permittee retains all rights under Chapter 536 and 644 Revised Statutes of Missouri upon the Department's reissuance of the permit as well as all other forms of administrative, judicial, and equitable relief available under law.

### 3.7 <u>Requiring a Modified Site-Specific Permit or an Alternative Permit</u>

- 3.7.1 Decision by the Department. The Department may require any person authorized by this permit to apply for and/or obtain either a modified site-specific NPDES permit or an alternative NPDES permit [10 CSR 20-6.200(6)]. Any interested person may petition the Department to require a modified site-specific permit or alternative NPDES permit. Where the Department requires the permittee to apply for a modified site-specific or alternative NPDES permit, the Department will notify the permittee in writing that a permit application is required. This notification shall include a brief statement of the reasons for this decision, an application form(s), a statement setting a deadline for the permittee to file the application, and a statement that on the effective date of issuance of the modified site-specific NPDES permit or the alternative permit, coverage under this permit shall automatically terminate in accordance with Section 3.6. Coverage under this permit shall remain valid if a stay or injunction of the newly issued modified site-specific NPDES permit has been issued by the Administrative Hearing Commission or a court of competent jurisdiction. The Department may grant additional time to submit the application upon request of the applicant. If the permittee fails to submit a modified site-specific or alternative NPDES permit application in a timely manner as required by the Department under this paragraph, then the applicability of this permit to the permittee is automatically terminated on the day specified by the Department for application submittal.
- 3.7.2 Request by permittee. The permittee may apply for a modified site-specific permit or alternative permit in lieu of coverage under this permit. In such cases, the permittee shall submit an application in accordance with the requirements of 10 CSR 20-6.200, with reasons supporting the request. The request may be granted by issuance of any site-specific permit or alternative NPDES permit.

### 4. Storm Water Management Programs and Plans

# Per state regulation 10 CSR 20-6.200 and federal regulations 40 CFR Parts 9, 122, the permittee shall develop, implement, and enforce a storm water management program and plan (SWMP) designed to reduce the discharge of pollutants from the permittee's regulated MS4 to the maximum extent practicable, to protect water quality, and to satisfy the appropriate water quality requirements of the Missouri Clean Water Law. The SWMP should include best management practices; control techniques and system, design, and engineering methods; and such other provisions as the permitting authority determines appropriate for the control of such pollutants. The permittee's SWMP document shall include the following information for each of the six minimum control measures described in Section 4.2 of this permit:

- 4.1.1 A description of the best management practices (BMPs) that the permittee will implement for each of the storm water minimum control measures;
- 4.1.2 The measurable goals for each of the BMPs including, as appropriate, the months and years in which the permittee will undertake required actions, including interim milestones and the frequency of the action;
- 4.1.3 The person primarily responsible for the SWMP, and the person(s) responsible for each minimum control measure if different from the primary responsible person; and
- 4.1.4 The permittee shall develop, implement, and enforce a storm water management program designed to reduce the discharge of pollutants to the maximum extent practicable, to protect water quality, and to protect water quality requirements of Clean Water Act.
- 4.1.4.2 The following general water quality criteria shall be applicable to all waters of the state at all times including mixing zones. No water contaminant, by itself or in combination with other substances, shall prevent the waters of the state from meeting the following conditions:
- 4.1.4.2.1 Waters shall be free from substances in sufficient amounts to cause the formation of putrescent, unsightly or harmful bottom deposits or prevent full maintenance of beneficial uses;
- 4.1.4.2.2 Waters shall be free from oil, scum and floating debris in sufficient amounts to be unsightly or prevent full maintenance of beneficial uses;
- 4.1.4.2.3 Waters shall be free from substances in sufficient amounts to cause unsightly color or turbidity, offensive odor or prevent full maintenance of beneficial uses;
- 4.1.4.2.4 Waters shall be free from substances or conditions in sufficient amounts to result in toxicity to human, animal or aquatic life;
- 4.1.4.2.5 There shall be no significant human health hazard from incidental contact with the water;
- 4.1.4.2.6 There shall be no acute toxicity to livestock or wildlife watering;
- 4.1.4.2.7 Waters shall be free from physical, chemical or hydrologic changes that would impair the natural biological community; and
- 4.1.4.2.8 Waters shall be free from used tires, car bodies, appliances, demolition debris, used vehicles or equipment and solid waste as defined in Missouri's Solid Waste Law, section 260.200, RSMo, except as the use of such materials is specifically permitted pursuant to section 260.200-260.247.
- 4.1.5 For facilities under the control of the permittee good housekeeping practices shall be maintained to keep solid waste from entry into waters of the state to the maximum extent practicable;
- 4.1.6 All fueling facilities under the control of the permittee shall adhere to applicable federal and state regulations concerning underground storage, above ground storage, and dispensers, including spill prevention, control and counter measures;

- 4.1.7 Substances regulated by federal law under the Resource Conservation and Recovery Act (RCRA) or the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) that are transported, stored, or used for maintenance, cleaning or repair by the permittee shall be managed according to the provisions of RCRA and CERCLA;
- 4.1.8 All paint, solvents, petroleum products and petroleum waste products (except fuels) under the control of the permittee shall be stored so that these materials are not exposed to storm water. Sufficient practices of spill prevention, control, and/or management shall be provided to prevent any spills of these pollutants from entering a water of the state. Any containment system used to implement this requirement shall be constructed of materials compatible with the substances contained and shall also prevent the contamination of groundwater; and
- 4.1.9 Per 40 CFR 122.34(d), the SWMP document shall include interim milestones, measurable goals, an implementation schedule and measures for success.

### 4.2 <u>Minimum Control Measures</u>

The six (6) minimum control measures that shall be included in the permittee's SWMP document per 10 CSR 20-6.200 and 40 CFR Parts 9, 122, are:

### 4.2.1 Public Education and Outreach on Storm Water Impacts

4.2.1.1 *Permit requirement.* The permittee shall implement a public education program to distribute educational materials to the community or conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and steps the public can take to reduce pollutants in storm water runoff.

### 4.2.2 **Public Involvement/Participation**

4.2.2.1 *Permit requirement.* The permittee shall implement an effective public involvement/participation program that at a minimum complies with State and local public notice requirements.

### 4.2.3 Illicit Discharge Detection and Elimination

- 4.2.3.1 *Permit requirement.* The permittee shall develop, implement and enforce a program to detect and eliminate illicit discharges (as defined in 10 CSR 20-6.200) into the permittee's regulated MS4. As part of the SWMP document, the permittee's illicit discharge detection and elimination program shall include the development and implementation of, at a minimum;
- 4.2.3.1.1 A storm sewer map showing the location of all known outfalls and the names and location of all receiving waters of the state that receive discharges from those outfalls. The permittee shall make the map data and its origin available to the Department upon request;
- 4.2.3.1.2 To the extent allowable under State, or local law, effectively prohibit, through ordinance, or other regulatory mechanism, non-storm water discharges into the permittee's storm sewer system and implement appropriate enforcement procedures and actions. The permittee shall identify in the SWMP the enforcement mechanisms and actions, if any such mechanisms are authorized under local law, used to prohibit illicit discharges to the MS4.
- 4.2.3.1.3 A plan and implementation schedule to detect and address non-storm water discharges, including discharges from illegal dumping and spills, to the permittee's system;
- 4.2.3.1.4 Inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste.

4.2.3.1.5 The permittee shall address the following categories of non-storm water discharges or flows (i.e., illicit discharges) only if the permittee identifies them as significant contributors of pollutants to the permittee's regulated MS4: landscape irrigation, rising ground waters, uncontaminated ground water infiltration (as defined in 10 CSR 20-6.200), uncontaminated pumped ground water, discharges from potable water sources, foundation drains, air conditioning condensation, springs, water from crawl space pumps, footing drains, lawn watering, flows from riparian habitats and wetlands, and street wash water (discharges or flows from emergency fire fighting activities are excluded from the effective prohibition against non-storm water and need only be addressed where they are significant sources of pollutants to waters of the state);

### 4.2.4 Construction Site Storm Water Runoff Control

- 4.2.4.1 *Permit requirement.* As provided in 40 CFR 122.34(b)(4), the permittee must:
  - (i) develop, implement, and enforce a program to reduce pollutants in any storm water runoff to your small MS4 from construction activities that result in a land disturbance of greater than or equal to one acre. Reduction of storm water discharges from construction activity disturbing less than one acre must be included in the program if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more. If the NPDES permitting authority waives requirements for storm water discharges associated with small construction activity in accordance with § 122.26(b)(15)(i), the permittee is not required to develop, implement, and/or enforce a program to reduce pollutant discharges from such sites. (ii) The permittee's program must include the development and implementation of, at a minimum:
  - (A) An ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, to the extent allowable under State, or local law;
  - (B) Requirements for construction site operators to implement appropriate erosion and sediment control best management practices;
  - (C) Requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality;
  - (D) Procedures for site plan review which incorporate consideration of potential water quality impacts;
  - (E) Procedures for receipt and consideration of information submitted by the public, and
  - (F) Procedures for site inspection and enforcement of control measures.

### 4.2.5 Post-Construction Storm Water Management in New Development and Redevelopment

- 4.2.5.1 *Permit requirement.* The permittee shall develop, implement, and enforce a program to address the quality of storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, that discharge into the permittee's regulated MS4. As part of the SWMP document per 40 CFR Part 122, the post-construction runoff control program shall include the following information, at a minimum:
- 4.2.5.1.1 Strategies which include a combination of structural and/or non-structural BMPs appropriate for the permittee's community;
- 4.2.5.1.2 An ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects to the extent allowable under State, or local law; and
- 4.2.5.1.3 Ensurance of adequate long-term operation and maintenance of BMPs.

### 4.2.6 Pollution Prevention/Good Housekeeping for Municipal Operations

4.2.6.1 *Permit requirement.* The permittee shall develop and implement an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations, including those not currently required to be permitted as associated with industrial activities. Using training materials that are available from EPA, the permittee's State, or other organizations, the permittee's program must include employee training to prevent and reduce storm water pollution from activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and storm water system maintenance.

### 4.3 Sharing Responsibility

Implementation of one or more of the minimum measures may be shared with another entity, or another entity assumes responsibility for the measure if:

- 4.3.1 The other entity, in fact, implements the control measure;
- 4.3.2 The particular control measure, or component of that measure, is at least as stringent as the corresponding permit requirement; and
- 4.3.3 The other entity agrees to implement the control measure on permittee's behalf. Written acceptance of this obligation is required. This obligation shall be maintained as part of the documented description of the permittee's storm water management program. If the other entity agrees to report on the minimum measure, the permittee shall supply the other entity with the reporting requirements contained in Section 5.3 of this permit. If the other entity fails to implement the control measure on the permittee's behalf, then the permittee remains liable for any discharges due to that failure to implement.

### 4.4 Reviewing and Updating Storm Water Management Programs and Plans

- 4.4.1 Storm Water Management Program and Written Plan (SWMP) Review: The permittee shall operate the SWMP in accordance with the permit. The permittee shall do an annual review of the permittee's SWMP in conjunction with preparation of the annual report required under Section 5.3; and
- 4.4.2 Per 40 CFR Part 122 ss122.34 the permittee shall identify and include in the SWMP the following information: (i) The best management practices (BMPs) that the permittee or another entity will implement for each of the storm water minimum control measures at 4.2.1 through 4.2.6 permit; (ii) The measurable goals for each of the BMPs including, as appropriate, the months and years in which you will undertake required actions, including interim milestones and the frequency of the action; and (iii) The entity, office, or person responsible for implementing or coordinating [the permittee's] storm water management program; and
- 4.4.3 Per 40 CFR Part 122 ss122.34 the permittee shall comply with other applicable NPDES permit requirements, standards and conditions established in this permit, developed consistent with the provisions of §§ 122.41 through 122.49, as appropriate.
- 4.4.4 Per 40 CFR Part 122 ss122.34 the permittee shall evaluate program compliance, the appropriateness of identified best management practices, and progress towards achieving identified measurable goals.
- 4.4.5 *SWMP Update:* The permittee may change the SWMP during the life of the permit, and provide the Department an analysis of why the BMP is ineffective or infeasible (including cost prohibitive), expectations on the effectiveness of the replacement BMP, and an analysis of why the replacement BMP is expected to achieve the goals of the BMP to be replaced. Notifications must be made in writing and signed in accordance with Section 5.

- 4.4.6 Transfer of Ownership, Continuing Authority, or Responsibility for SWMP Implementation: The permittee shall implement the SWMP on all new areas added to the permittee's portion of the municipal separate storm sewer system (or for which the permittee becomes responsible for implementation of storm water quality controls) as expeditiously as practicable, but not later than one year from addition of the new areas. Implementation may be accomplished in a phased manner to allow additional time for controls that cannot be implemented immediately.
- 4.4.6.1 Within 90 days of a transfer of ownership, continuing authority, or responsibility for SWMP implementation, the permittee shall submit a revised plan, if necessary, for implementing the revised SWMP on all affected areas. The plan shall include revised schedules for implementation. Information on all new annexed areas and any resulting updates required to the SWMP shall be included in the annual report.
- 4.4.6.2 Only those portions of the SWMP specifically required as permit conditions shall be subject to the modification requirements of 10 CSR 20-6.200. Addition of components, controls, or requirements by the permittee(s) and replacement of an ineffective or infeasible BMP implementing a required component of the SWMP with an alternate BMP expected to achieve the goals of the original BMP shall be considered minor changes to the SWMP and not modifications to the permit.

### 5. Monitoring, Recordkeeping, and Reporting

### 5.1 <u>Evaluation</u>

5.1.1 The permittee shall evaluate program compliance, the appropriateness of identified best management practices, and progress toward achieving identified measurable goals.

### 5.2 <u>Recordkeeping</u>

- 5.2.1 The permittee shall retain records of all activities requiring recordkeeping by the SWMP and copies of all reports required by this permit, copies of Discharge Monitoring Reports (DMRs), a copy of the NPDES permit, a copy of all ordinances, policies and formal procedures for all six minimum control measures and records of all data used to complete the application for this permit, for a period of at least three years from the date of the sample, measurement, report or application, or for the term of this permit, whichever is longer; and
- 5.2.2 The permittee shall submit the permittee's records to the Department only when specifically asked to do so. The permittee shall retain a written description of the SWMP required by this permit (including a copy of the permit language) at a location accessible to the Department. The permittee shall make the permittee's records, including the application and the description of the SWMP, available to the public if requested to do so in writing.

### 5.3 Reporting

The permittee shall submit annual reports, using the annual report form provided by the Department, to the Director by April 10 of each year of the permit term. The report shall include:

- 5.3.1 The status of the permittee's compliance with permit conditions, an assessment of the appropriateness of the identified best management practices, progress towards achieving the identified measurable goals for each of the minimum control measures;
- 5.3.2 Results of information collected and analyzed, if any, during the reporting period, including monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP;
- 5.3.3 A summary of the storm water activities the permittee plans to undertake during the next reporting cycle (including an implementation schedule);

- 5.3.4 Proposed changes to the permittee's SWMP, including changes to any BMPs or any identified measurable goals that apply to the program elements; and
- 5.3.5 Notice that the permittee is relying on another government entity to satisfy some of the permittee's permit obligations (if applicable).

### 6. **Standard Permit Conditions**

This permit includes Standard Permit Conditions attached as Part 1 to this permit.

### 7. **Definitions**

All definitions contained in 10 CSR 20-6.200 shall apply to this permit and are incorporated herein by reference. For convenience, simplified explanations of some regulatory/statutory definitions have been provided, but in the event of a conflict, the definition found in the regulation takes precedence.

Control Measure as used in this permit refers to any Best Management Practice or other method used to prevent or reduce the discharge of pollutants to waters of the United States and waters of the State.

*Director* refers to the Director of Staff, Water Protection Program, and Department of Natural Resources.

Discharge when used without a qualifier, refers to "discharge of a pollutant" as defined at 40 CFR 122.2.

*Illicit Connection* means any man-made conveyance connecting an illicit discharge directly to a municipal separate storm sewer.

*Illicit Discharge* refers to any discharge to a municipal separate storm sewer that is not entirely composed of storm water, except discharges authorized under an NPDES permit (other than the NPDES permit for discharges from the MS4) and discharges resulting from emergency fire fighting activities.

Maximum Extent Practicable refers to the technology-based discharge standard for Municipal Separate Storm Sewer Systems to reduce pollutants in storm water discharges that was established by CWA §402(p). A discussion of how it applies to regulated MS4s is found at 40 CFR 122.34.

MS4 is an acronym for "Municipal Separate Storm Sewer System" and is used to refer to either a Large, Medium, or Small Municipal Separate Storm Sewer System (e.g. "the Springfield MS4").

Permittee as used in this permit refers to the holders of this site-specific permit.

Site-specific permit also means individual permit.

Storm Water means storm water runoff, snow melt runoff, and surface runoff and drainage.

Storm Water Management Program and Plan (SWMP) refers to a comprehensive documented program and plan to manage the quality of storm water discharged from the municipal separate storm sewer system.

# Missouri Department of Natural Resources Fact Sheet – Site-specific Permit for MU/Boone County/Columbia Regulated Separate Storm Sewer System MO-0136557

The Federal Water Pollution Control Act ("Clean Water Act" Section 402 Public Law 92-500 as amended) established the National Pollution Discharge Elimination System (NPDES) permit program. This program regulates the discharge of pollutants from point sources into the waters of the United States, and the release of storm water from certain point sources. All such discharges are unlawful without a permit (Section 301 of the "Clean Water Act"). After a permit is obtained, a discharge not in compliance with all permit terms and conditions is unlawful. Missouri State Operating Permits (MSOPs) are issued by the Director of the Missouri Department of Natural Resources (Department) under an approved program, operating in accordance with federal and state laws (Federal "Clean Water Act" and "Missouri Clean Water Law" Section 644 as amended). MSOPs are issued for a period of five (5) years unless otherwise specified.

As per 10 CSR 20-6.020(1)2 and 40 CFR Part 124.8(a) a Factsheet shall be prepared to give pertinent information regarding the applicable regulations, rationale for the development of effluent limitations and conditions, and the public participation process for the Missouri State Operating Permit (operating permit) listed below.

A Fact Sheet is not an enforceable part of an operating permit.
This Fact Sheet is for a Major $\square$ , Minor $\boxtimes$ , Industrial Facility $\square$ ; Variance $\square$ ; Master General Permit $\square$ ; and/or permit with widespread public interest $\square$ . This is a new permit, but is not a new source. The co-permittees may become subject to monitoring requirements once a TMDL for area listed waters is approved by EPA.
Part I - Facility Information
The following Facility Information shall appear on the coverage document issued to a Permit Covered Facility.
NPDES #:
Facility Name: Boone Co/Columbia/MU MS4 Facility Address: 8 Research Park Columbia, MO 65211
Owner's Name:
Owner's Address:
Facility Region:
Facility County:
Facility Type:
Facility SIC Code: 9511
Facility NAICS Code: 924110
Facility Description: Discharges from Regulated Municipal Separate Storm Sewer Systems
Comments:
This site-specific permit replaces the Small MS4 General Permit MO-R040045 which was appealed by the applicants. The proposed site specific permit that includes all the federal mandated requirements was agreed upon by the applicants and the Department.

### Part II - Outfalls

It is adequate to submit a representative subset of outfall information with the application. Specifically, outfalls needed for the application should be representative of discharges nearest the MS4's regulated boundaries or nearest the receiving classified waters running through the MS4's jurisdiction. The more comprehensive outfall information and maps required for the MS4's illicit discharge program shall be retained on site and made available to EPA, DNR and the public upon request.

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A full description of the representative outfalls in the application shall appear on the coverage document issued to a Permit Covered Facility. The following information is required for each outfall.

Outfall #001

Legal Description: ¼, ¼, Section, Township, Range, Direction

Latitude/Longitude: +0000000/-0000000 (Degrees, Minutes, Seconds)

Receiving Stream: Name & Classification

First Classified Stream and ID: Name, Class, Water Body ID – currently provided by the Department

USGS Basin & Sub-watershed No.: (# – #) [14 digit USGS Hydrologic Unit Code (HUC)]

This permit allows regulated MS4s to discharge storm water to the following waters, depending on location of the regulated MS4: Missouri River, lakes or reservoirs, losing streams, special streams, and other waters of the state.

10 CSR 20-7.031 Missouri Water Quality Standards, the Department defines the Clean Water Commission water quality objectives in terms of "water uses to be maintained and the criteria to protect those uses."

### Part III - Rationale and Derivation of Effluent Limitations & Permit Conditions

### INTRODUCTION:

This is a municipal storm water discharge permit which authorizes the discharge of storm water from regulated municipal separate storm sewer systems (MS4s). The permit also authorizes the discharges or flows from emergency fire fighting activities. The permit does **not** authorize any additional non-storm water discharges, such as: process wastewater, storm water discharges that are mixed with process wastewater, or storm water associated with industrial activity, as defined in 10 CSR 20-6.200 or other discharges identified in Section 1.3 of the permit.

The permit is intended to authorize discharge of storm water even as jurisdictional or regulated boundaries change through the life of the permit. This rationale will explain which entities are covered under this permit, how to apply for coverage, and what the basic permit requirements are, including the general requirement of a storm water management program and written plan (SWMP.)

This permit authorizes only the activities described in this permit. Compliance with this permit may not be considered a shield from compliance with any local ordinance, State Regulation or State Law.

### TYPES OF ENTITIES COVERED UNDER THIS PERMIT:

This permit is intended to cover new or existing discharges composed entirely of storm water from MS4s required by State regulation to obtain a permit. This site-specific permit replaces the small MS4 general permit MO-R040045 previously issued to the co-permittees of Boone County, Missouri.

The criteria for permit coverage are contained in the Missouri Storm Water Regulations 10 CSR 20-6.200. In general, this includes any municipality, and federal or state facility/organization that owns or operates a regulated MS4 as defined in 10 CSR 20-6.200 (i.e. serving a population of 1,000 or greater and located fully or partially within an urbanized area as determined by the latest Decennial Census by the Bureau of Census, or having a population of 10,000 or greater if outside an urbanized area.) MS4s discharging entirely to combined sewer systems are exempt based on their coverage under NPDES wastewater permits.

### **APPLICATION REQUIREMENTS:**

Regulated MS4s are required to seek coverage under the Small MS4 General Permit or a site-specific permit (whichever applies) by submitting completed application forms (Forms M & K if an individual applicant or Forms M & L if applying as a co-permittee), a jurisdictional or regulated boundary map showing perimeter outfall locations and a written description of the operator's SWMP. (The regulated MS4 must submit new or renewal applications according to requirements identified in 10 CSR 20-6.200.).

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### STORM WATER MANAGEMENT PROGRAM (SWMP):

This permit in accordance with 10 CSR 20-6.200 and 40 CFR Parts 9, 122, 123, and 124, requires the permittee to develop and implement a SWMP. The SWMP shall address the six minimum control measures - public education and outreach, public involvement/participation process, illicit discharge detection and elimination, construction site storm water runoff control, post-construction storm water management and pollution prevention/good housekeeping for municipal operations. The SWMP shall include, but not limited to, best management practices, pertinent local regulations, interim milestones, measurable goals, measures of success and responsible persons for each of the measurable goals.

### **ORDINANCES:**

To the extent allowable under State or local law, ordinances (or other regulatory mechanisms) are required to be developed, implemented and enforced within five years of initial permit issuance under the following sections:

- 1. Illicit discharge detection and elimination to prohibit non-storm water discharges into the storm sewer system, and implement appropriate enforcement procedures and actions
- 2. Construction site storm water runoff control to require erosion and sediment controls at construction sites, as well as sanctions to ensure compliance
- 3. Post-construction to address post-construction runoff from new development and redevelopment projects, and sanctions to ensure compliance

### SWMP UPDATES REQUIRED BY THE DEPARTMENT:

Changes requested by the Department must be made in writing, set forth the time schedule for the permittee to develop the changes, and offer the permittee the opportunity to propose alternative program changes to meet the objective of the requested modification. All changes required by the Department will be made in accordance with 10 CSR 20-6.200. The Department may require changes to the SWMP as needed to: include components deemed necessary by the Department to comply with the goals and requirements of the permit and Missouri Clean Water Law; address impacts on receiving water quality caused or affected by discharges from the MS4; or include more stringent requirements necessary to comply with new federal or state statutory or regulatory requirements.

The permittee may also change the SWMP during the life of the permit in accordance with procedures described in Section 4.4 of the permit.

### **ANNUAL REPORTING:**

The permittee is expected to annually review and provide a written report on their SWMP in accordance with Sections 4.4 and 5.3 of the permit. The permittee shall submit the report by April 10 of each year utilizing the Department's annual report form MO 78-1846 or latest version.

### MONITORING:

Sampling and testing of storm water for specific parameters is not required on a routine basis under this permit. However, the Department may modify the permit to require sampling and testing, on a case-by-case basis. As per [10 CSR 20-2.010(78)], a wasteload allocation is the amount of pollutants each discharger is allowed by the Department to release into a given stream after the Department has determined to total amount of pollutant that may be discharged into that stream without endangering its water quality.

Usually wasteload allocations are not calculated. All permittees are subject to the Maximum Extent Practicable per [10 CSR 20-6.200] & [40 CFR 122]. However, if a storm water-based TMDL and WLA have been put into place for any waterbody into which the permittee discharges, monitoring may be required for discharges affecting that waterbed. Regulated MS4s must have procedures in place to investigate findings of illicit discharges further, also potentially resulting in monitoring. In such cases, the permittee shall follow regulations in 10 CSR 20 Chapter 6 and monitoring requirements set forth in the permit.

**303(d)** LIST, TOTAL MAXIMUM DAILY LOAD (TMDL) AND WASTELOAD ALLOCATIONS Section 303(d) of the federal Clean Water Act requires that each state identify waters that are not meeting water quality standards and for which adequate water pollution controls have not been required. Water quality standards protect such beneficial uses of water as whole body contact (such as swimming), maintaining fish and other aquatic life, and providing drinking water for people, livestock and wildlife. The 303(d) list helps state and federal agencies keep track of waters that are impaired but not addressed by normal water pollution control programs.

A TMDL is a calculation of the maximum amount of a given pollutant that a body of water can absorb before its water quality is affected. If a water body is determined to be impaired as listed on the 303(d) list, then a watershed management plan will be developed that shall include the TMDL calculation

### **PERMIT REQUIREMENTS:**

The permit may be reopened to include additional requirements that apply if a Total Maximum Daily Load (TMDL) is approved for any waterbody into which the permittee discharges (Section 3.1. of the permit). In general, these requirements do not, in themselves, dictate additional measures that must be taken by the permittee. Instead, the permit requires the permittee to comply with any requirements included in a TMDL that address storm water discharges covered in the permit. New requirements affecting the permittee's discharges could be in the form of additional narrative requirements for implementation of BMPs, or in the form of a Waste Load Allocation (WLA) that prescribes a specific quantitative limit for pollution from a specific source.

### **ANTI-BACKSLIDING:**

A provision in the Federal Regulations [CWA §303(d)(4); CWA §402(c); CFR §122.44(I)] that requires a reissued permit to be as stringent as the previous permit with some exceptions.

All limits, requirements, and/or conditions in this Fact Sheet are at least as protective as those previously established; therefore, backsliding does not apply.

### **ANTIDEGRADATION:**

Policies which ensure protection of water quality for a particular water body where the water quality exceeds levels necessary to protect fish and wildlife propagation and recreation on and in the water. This also includes special protection of waters designated as outstanding natural resource waters. Antidegradation plans are adopted by each State to minimize adverse effects on water.

As per [10 CSR 20-7.031(2)(D)], the three (3) levels of protection provided by the antidegradation policy in subsections (A), (B), and (C) of this section shall be implemented according to procedures developed by the Department. On April 20, 2007, the Missouri Clean Water Commission approved *Missouri Antidegradation Rule and Implementation Procedure* (Antidegradation Rule), which is applicable to new or upgraded/expanded facilities. The implementation of the Antidegradation Rule will be implemented upon promulgation, which is tentatively scheduled for August 2008.

This facility is an existing source previously operating under permit number MO-R040045. No additional degradation is proposed in this permit, therefore antidegradation does not apply.

### **COMPLIANCE AND ENFORCEMENT:**

Action taken by the Department to resolve violations of the Missouri Clean Water Law, its implementing regulations, and/or any terms and condition of an operating permit.

Dischargers of storm water from regulated MS4s, as defined in the Missouri Storm Water Regulations (10 CSR 20-6.200) who do not obtain coverage under the applicable Missouri Small MS4 general permit or site-specific NPDES permit, will be in violation of the Missouri Clean Water Law and its implementing regulations and subject to civil penalties of up to \$10,000 per violation per day. For entities covered under a NPDES permit, failure to comply with any NPDES permit requirement also constitutes a violation of the Missouri Clean Water Law and its implementing regulations.

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### Part IV - Administrative Requirements

### PUBLIC NOTICE AND COVERAGE FOR AN INDIVIDUAL ENTITY:

As per the Missouri Clean Water Law, the Missouri Clean Water Commission, and the federal Clean Water Act, persons wishing to comment on Missouri State Operating Permits are directed to do so by a Department-approved Public Notice coversheet. This Public Notice coversheet is attached to a Missouri State Operating Permit during the Public Notice period.

The need for an individual public notification process shall be determined and identified in the permit. [10 CSR 20-6.020(1)(C)5.]

# Applicable $\boxtimes$ ;

Issuance of coverage to an individual facility under this permit shall be placed on Public Notice for 30 days in accordance with 10 CSR 20-6.020(1)(B) & (C).

Not Applicable □;

Public Notice is not required for issuance of coverage under this permit to individual facilities for the first time.

Date of Fact Sheet: Nov 22, 2010

Revised: Jan 11,2011